



U.S. Pacific Command

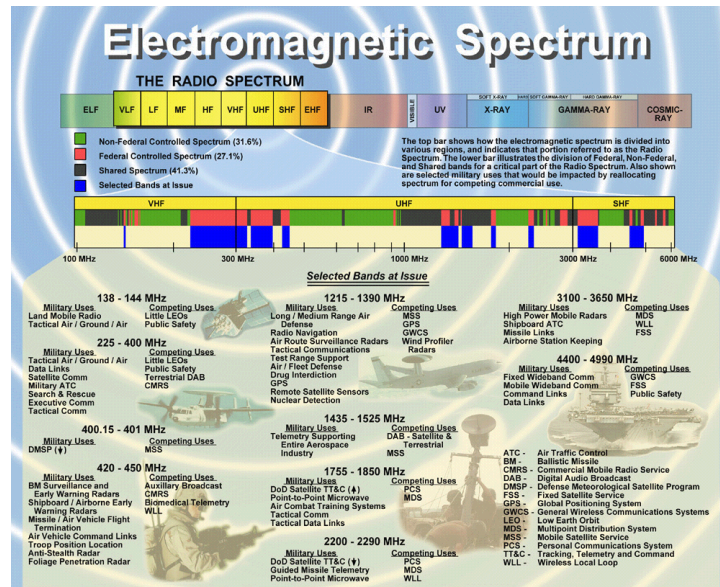
Joint Frequency Management Office Pacific (JFMO PAC)



Bob Marcial
Chief Spectrum Manager
USPACOM J613
7 Dec 2009



Mission



Copyright © 1987 RT Research Institute. Prepared for the Department of Defense, Joint Spectrum Center (JSC). Photographs used with permission from the U.S. Air Force, U.S. Army, U.S. Navy, Felicia Campbell (Land Warrior).

Conduct theater spectrum management and certification while providing policy guidance, leadership, and direction, as it relates to USPACOM, in accordance with International, U.S. National, Host Nation, and DoD Rules and Regulations

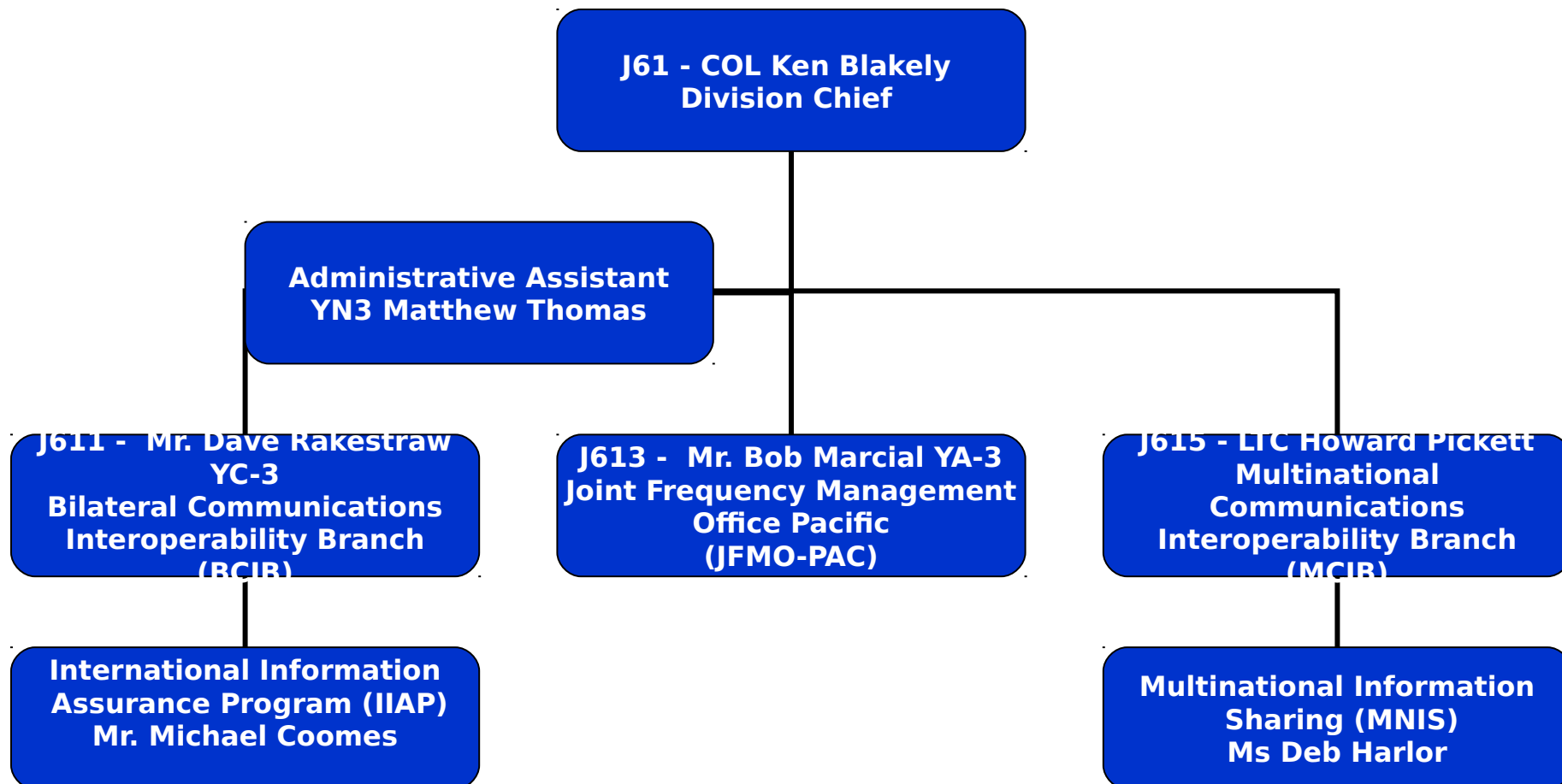


Responsibilities

- **Serve as the single point of contact for spectrum usage throughout Pacific Command Area of Responsibility for US Forces**
- **Maintain liaison National and Joint Spectrum Management agencies**
- **Maintain close contact with appropriate foreign military forces to support combined/coalition exercises and operations**
- **Coordinate Spectrum Certification document with Host Nations**
- **Report and resolve short and long term Radio Frequency Interference for Hawaii/Guam**
- **Coordinate and assigned Electronic Warfare clearance**
- **Participate in IO Cell for the purpose of developing the Joint Restricted Frequency List for J3 approval**
- **Provide guidance to the Joint Task Force in establishing command policy on the use and management of the electromagnetic spectrum**



J61 Organization





U.S. Pacific Command Spectrum Management Organizational Chart

As of 4 0800W Dec 09

**Bob Marcial GS 14
Branch Chief**

**Policy & Procedures,
CJSMPT, GEMSIS.
CJCSI/M's
JCEWS Rep**

**Heriberto Rivera
GS 12
Action Officer**

**SATCOM,
Spectrum Certification
HNSWDO
Spectrum XXI
Missile Defense
JSIR**

**Gary Marois
GS 12
Action Officer**

**Hawaii AFC,
CCEB Certification,
Kwajalein Atoll,
Homeland
Security Coord,
Title 10 funding,
NASA Coord**

**Robert Green
GS 11
Action Officer**

**JFMO Guam Rep,
Electronic Warfare,
Spectrum Conference,
Theater Security
Cooperation**

**Randolph Lavota
SSgt
USMC**

**Tactical Exercises
JACS, SMTI, SPEED,
JSME**



USPACOM Spectrum Management Accomplishments/ Participation

- **Exercise Support -- 90**
- **Host Nation Equipment Certification -- 60**
- **Humanitarian /Disaster Relief Operation -- 3**
- **Real World Operational Support**
- **Coalition Joint Spectrum Management Planning Tool**
- **Global Electromagnetic Spectrum Information System AoA**
- **Wideband Global SATCOM (KA band)**
- **Global Hawk**
- **Spectrum Management Transition Initiative**
- **Host Nation Spectrum Worldwide Database Online**
- **Multinational Communications Interoperability Program**
- **Presidential visit support**
- **NASA Space Shuttle Launch**



USPACOM Spectrum Management Current Focus

- **Wideband Global System (WGS) KA Band Coordination**
 - **Japan, Korea and Australia**
- **Airborne Early Warning and Control System (AWACS)**
 - **Republic of Korea**
- **Unmanned Aerial System (Global Hawk and Small UAS)**
- **Multinational Communications Interoperability Program**
 - **Pacific Endeavor 10**
 - **IPC 15 - 19 Feb - Thailand**
 - **MPC 19 - 23 Apr - Indonesia**
 - **FPC 7 - 11 Jun - Maldives**
 - **Ex 17 - 27 Aug - Singapore**



USPACOM Spectrum Management Major Issues

- **Spectrum Management not acknowledged as a major enabler**
- **Joint Tactical Radio System Support Wideband Network Waveform**
- **Wideband Global System (KA Band) Coordination**
- **Spectrum Supportability**
 - **Pacific Command documents continue to be submitted for 1710 - 1850 MHz and it is no longer available in Japan or Korea**
- **Humanitarian Relief Operations**
 - **Lack of releasable coalition spectrum management software**



USPACOM Spectrum Management Future Concerns

- **Joint Tactical Radio System Support, Wideband Network Waveform**
 - **What is the purpose and goal for WNW? (No master plan exists)**
 - **225-400 MHz requires renegotiation to support SRW/WWN**
 - **User may lose current assignments**
- **Coalition Spectrum Management Interoperability Project**
- **Vacate bands in Japan by 2012**
 - **4.4 - 5.0 GHz**
 - **1700 - 1850 MHz**
- **Spectrum Supportability**

**2010**

Pacific Spectrum Management Conference (SMC)



• When: 19 - 23 July 2010

• Where: Ala Moana Hotel



<http://www.fbcinc.com/pacificspectrum>



U.S. Pacific Command Spectrum

Management

Points of Contact

As of 4 0800W Dec 09

HQ USPACOM J613
Joint Frequency Management Office Pacific
PO Box 64029
Camp H.M. Smith HI, 96861-64029

DMS Address:

HQ USPACOM J6 (SC) *or* HQ USPACOM J6 (UC)
JFMO PAC (SC) *or* JFMO PAC (UC)
JFMO GUAM ISLAND GU (SC) *or* JFMO GUAM ISLAND GU (UC)

Group NIPRNET Address:

JFMOPAC@pacom.mil

Group SPIRNET Address:

JFMOPAC@pacom.smil.mil

Facsimile Number:

DSN 315-477-7214 CML 808-477-7214

COL Ken Blakely, USA J61 Division Chief	DSN 315-477-7474	CML 808-477-7474	Kenneth.blakely@pacom.mil (NIPRNET) Kenneth.blakely@pacom.smil.mil (SPIRNET)
Robert (Bob) Marcial J613 Branch Chief YA-3/ GS 14	DSN 315- 477-7239	CML 808-477-7239	robert.marcial@pacom.mil (NIPRNET) robert.marcial@pacom.smil.mil (SPIRNET)
Heriberto (Herb) Rivera Action Officer YA-2/ GS 12	DSN 315-477-7242	CML 808-477-7242	heriberto.rivera@pacom.mil (NIPRNET) heriberto.rivera@pacom.smil.mil (SPIRNET)
Gary Marois Action Officer YA-2/ GS 12	DSN 315-477-7234	CML 808-477-7234	gary.marois@pacom.smil.mil (NIPRNET) gary.marois@pacom.smil.mil (SPIRNET)
Robert (Bob) Green Action Officer YA-2/ GS 11	DSN 315-477-7230	CML 808-477-7230	robert.a.green1@pacom.mil (NIPRNET) robert.green@pacom.smil.mil (SPIRNET)



Questions

Mele Kalikimaka

